

# Receiving Report

Date: 12/10/12

Batch No: 1123294

Supplier: MRDAVCOSTVE

Dart P/O: 18063

Packing Slip: Yes ☒ No ☐  
 Invoice: Yes ☐ No ☒  
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐  
 Waybill Attached: Yes ☒ No ☐ N/A ☐  
 Shipment Complete: Yes ☒ No ☐ N/A ☐  
 QC6 Inspection: 2.00 12/11/14 N/A ☒  
 Work Order ☐

## Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
VOIR	P.O. PAR B.D					

Initials of receiver (if shipment OK) Level 12 GA

Production/Admin: 12/10/12  
 Date  
 Received/Costing  
 Initial

Location

All amounts are calculated in domestic currency.

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name		VC-MET001	Metaux Castle								
PO18067	1		M174B1.250X02.000 f		10/15/2012	10/12/2012	24.3333	\$47.14	0.0000	0	\$1,147.13
CAD	No		17-4 SS Bar 1.250 x f 2.00 123294		24.0000	DESJ02		\$1,147.13	0.0000	0	
	5		M303R1.000 f		10/15/2012	10/12/2012	24.3333	\$8.72	0.0000	0	\$212.10
	No		303 Round Bar 1.00 f 123294		24.0000	DESJ02		\$212.10	0.0000	0	
	7		M304R0.375 f		10/15/2012	10/12/2012	108.0000	\$1.41	0.0000	0	\$152.69
	No		304 ROUND BAR f 0.375 123294		108.0000	DESJ02		\$152.69	0.0000	0	
	9		M6061T6R0.563 f		10/15/2012	10/12/2012	96.0000	\$2.67	0.0000	0	\$256.80
	No		6061-T6 ROUND f BAR .563 123294		96.0000	DESJ02		\$256.80	0.0000	0	

<b>Total Received Quantity:</b>	252.6666
<b>Total Qty to Inspect (PO U/M):</b>	0.0000
<b>Total Reject Quantity:</b>	0.0000
<b>Total Receipt Value:</b>	\$1,768.73
<b>Total Balance Due Quantity:</b>	0.0000

**Castle Metals®**

A. M. Castle &amp; Co.

**PACKING SLIP/  
CERTIFICATE OF CONFORMANCE**

Page 1 of 1

Shipment No:1498754

<b>Ship From:</b> A. M. Castle & Co. (Canada) Inc. MONTREAL 835-SELKIRK AVENUE POINTE CLAIRE, QUEBEC H9R 3S2		<b>Sold To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA		<b>Ship To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN		<b>Deliver To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	
<b>Date Shipped</b> 10-OCT-2012	<b>F.O.B.</b> ORIGIN	<b>Freight Terms</b> Prepaid		<b>Carrier</b> MANITOULIN		<b>BOL No</b> 1498754-2	

<b>Shipment Details</b>				<b>Final Destination Branch - MON</b>			
<b>Order No</b> 2465306	<b>Line No</b> 1	<b>Item No</b> 9166	<b>Description</b> 1.2500.2.0000.FLAT.17CR-4NI.STAINLESS.HR.ANN.PICKLE.132.00 00-156.0000 SPECIFICATIONS: AMS 5643				
<b>Purchase Order No</b> 18067		<b>Part Number</b>		<b>Ordered Qty</b> 24.00 FT		<b>Invoice Qty</b> 24.3333 FT	
<b>Details</b>							
<b>Delivery No.</b> 118037287	<b>Mill</b> DUNKIRK SPECIALTY STEEL, LLC	<b>Heat Number</b> G17439	<b>Mech Id</b>	<b>PCS</b> 2	<b>Width (IN)</b>	<b>Length (IN)</b> 146.0000	<b>Shipped Qty(LBS)</b> 206.8333

These commodities/technologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.

Reviewed by Authorized Castle Metals Representative:

Date:

Name:



**Dunkirk Specialty Steel, LLC**  
A Universal Stainless & Alloy Products Company  
P.O. Box 319  
830 Brigham Rd.  
Dunkirk, NY 14048

Quality System Registered to  
ISO9001 and AS9100

### Material Certification

MILL ORDER: 0038518  
PART NUMBER: 9166  
P.O. NUMBER: 112940

P.O. DATE: 4/29/2011

PAGE NUMBER: 1 of 1

PRINTED: 9/28/11 07:14

S A. M. CASTLE & CO.  
O T 3400 N. WOLF ROAD  
L O  
D FRANKLIN PARK, IL 60131-1394

S A.M. CASTLE & CO.  
H T 3400 NORTH WOLF ROAD  
I O  
P FRANKLIN PARK, IL 60131

Material Description: STAINLESS STEEL FLAT BAR 17-4 EAF+AOD HOT ROLLED ANNEALED PICKLED ASME SA564 (630 condition A), UNS# S17400, Castle AMC 3174-43 Rev. 10, ASTM A564-10 (type 630 condition A), AMS 5643R,

Size: 1.2500 X 2.0000 X 132.0000 MIN/

156.0000 MAX RANDOM LENGTH

Heat Number	C	0.032	MN	0.86	SI	0.42	S	0.005	P	0.018
G17439	CR	15.62	W	<0.05	V	0.04	NI	4.21	MO	0.09
	CO	<0.05	CU	3.24	SN	0.006	PB		CB	0.26
	TA	<0.01	AL	<0.01	TI	<0.01	FE		B	<0.001
	O		MG		CA		SE		ZR	
	AG		BI		N	0.030	H		CQ	

REDUCTION RATIO: 384:1

HARDNESS: 358 BHN

H900 CAP:	UTS/ KSI	.2%Y/S KSI	%EL	%R/A	HARDNESS
	204.8	180.6	14.6	44.0	405 BHN

MAGNETIC PARTICLE: F/S = 0/0

FERRITE: <5%

MICRO TEST: ACCEPTABLE

MACRO ETCH TEST: ACCEPTABLE

THIS MATERIAL WAS SOLUTION TREATED AT A MINIMUM TEMPERATURE OF 1900°F FOR AN APPROPRIATE TIME FOLLOWED BY AIR COOLING

COUNTRY OF ORIGIN: USA

### Castle Metals FP

HEAT NUMBER G17439  
MECHANICAL ID \_\_\_\_\_  
ITEM CODE 9166  
LOT NUMBER \_\_\_\_\_  
PO NUMBER 112940  
RECEIPT DATE 10/5/11  
SUPPLIER Dunkirk  
SPECIFICATION \_\_\_\_\_  
LCS NO  
COMMENT \_\_\_\_\_  
APPROVED BJ

/S/John M. Berry

/S/John M. Berry

09/28/11

Prepared by: John M. Berry, QA

John M. Berry, QA Technician

Date

Melted and manufactured in compliance with DFARS 252.225-7014 ALT.1 Melted by USAP in Bridgeville, PA., USA. Certification IAW DIN 50 049 / EN 10204 3.1. Material complies with EU directive 2002/95/EC (RoHS). The test results shown are certified to be a correct statement of records that were derived from testing samples of the material. Results meet applicable specifications. No welding was performed on the material supplied on this order. Material is free from mercury contamination. Material is of NAFTA origin. This material was produced under the Dunkirk Specialty Steel Quality Management System documented in QP Manual, Rev. 5 dated 7/1/2011, conforming to NCA-3800. Material testing was performed as applicable in accordance with ASTM A370, A604, E8, E10, E18, E23, E45, E112, E139, E381, E572, E1019, STP-CHEM-GDS, E1444, & AMS 2315. The recording of false, fictitious, or fraudulent statements on this document may be punished as a felony under federal statutes, including Federal Law, Title 18, Chapter 47. Test results are maintained in company records.

**Castle Metals®**

A. M. Castle &amp; Co.

PACKING SLIP/  
CERTIFICATE OF CONFORMANCE

Page 1 of 1

Shipment No:1498754

<b>Ship From:</b> A. M. Castle & Co. (Canada) Inc. MONTREAL 835-SELKIRK AVENUE POINTE CLAIRE, QUEBEC H9R 3S2		<b>Sold To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA		<b>Ship To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN		<b>Deliver To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	
<b>Date Shipped</b> 10-OCT-2012	<b>F.O.B.</b> ORIGIN	<b>Freight Terms</b> Prepaid		<b>Carrier</b> MANITOULIN		<b>BOL No</b> 1498754-2	

<b>Shipment Details</b>	<b>Final Destination Branch - MON</b>
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<b>Order No</b> 2465306	<b>Line No</b> 2	<b>Item No</b> 4665	<b>Description</b> 1.0000.RD.303.STAINLESS.CF.ANN.132.0000-156.0000 SPECIFICATIONS: ASTM A582				
<b>Purchase Order No</b> 18067		<b>Part Number</b>		<b>Ordered Qty</b> 24.00 FT		<b>Invoice Qty</b> 24.3333 FT	
<b>Details</b>							
<b>Delivery No.</b> 118033215	<b>Mill</b> NORTH AMERICAN STAINLESS	<b>Heat Number</b> D2D7	<b>Mech Id</b>	<b>PCS</b> 2	<b>Width (IN)</b>	<b>Length (IN)</b> 146.0000	<b>Shipped Qty(LBS)</b> 64.9700

These commodities/technologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.

Reviewed by Authorized Castle Metals Representative:	Date:	Name:
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12/10/14

Castle Metals FP

HEAT NUMBER

2227

MECHANICAL ID

ITEM CODE

4665

LOT NUMBER

PO NUMBER

176924

RECEIPT DATE

8-6-12

SUPPLIER

NAS

SPECIFICATION

LCS

10

COMMENT

APPROVED

PL

DAS  
12/10/14



**NORTH AMERICAN  
STAINLESS**

# METALLURGICAL TEST REPORT

6870 Highway 42 East  
Ghent, KY 41045-9615  
(502) 347-6000

Certificate: 757901 17

Mail To:

A.M. CASTLE AND COMPANY  
1420 KENSINGTON ROAD-SUITE 220  
OAK BROOK IL 60523

Ship To:

A.M. CASTLE AND COMPANY  
3400 NORTH WOLF ROAD  
FRANKLIN PARK IL 60131

Date: 8/01/2012 Page: 1 of 1

Steel: 303

Finish: Cold Draw

Dia/Thk: 1.0000 in

Leg Length:

Length: 144.00 in

Corrosion:

Customer: 0032 001

NAS Order: LN 85477 2

Your Order: 176924

Item Code: 4665

## PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw  
ASTM A582/05 EN 10204 3.1, ASTM A484/10  
AMS 5640U TYPE 1, QQS-764B CONDITION A  
SOLUTION ANNEAL TEMP 1900F MIN

## REMARKS:

COMPLIES W/REQUIREMENTS OF D5AR 252.225-7014A-1 EU DIRECTIVE  
2002.95.EC.RoHS. EAF+ADD+CC. NO WELD REPAIR. MELTED AND MFG  
IN USA FREE FROM MERCURY AND LOW MELTING-ALLOY-CONTAMINATION

Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight
BE76269	2504	BE76270	878					

## CHEMICAL ANALYSIS

CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

Chemical Analysis per ASTM A751/08

Heat	Supplier #	CM	C %	CO %	CR %	CU %	HN %	MO %	N %	NI %	P %	S %
D2D7		US	.046	.12	17.29	.35	1.83	.40	.045	8.57	.030	.3330
			SI %									
			.49									

## MECHANICAL PROPERTIES

	1 d	HB		.2YS	UTS	RA	Elong
	o i	No.		KSI	KSI	%	% 4D
BE76269	R L	198.0		74.55	105.88	52.66	27.34
BE76270	R L	198.0		74.55	105.88	52.66	27.34

DAS  
14  
89 12/10/14

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS

Technical  
Dept. Mgr.

ERIC HESS

**Castle Metals®**

A. M. Castle &amp; Co.

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CERTIFICATE OF CONFORMANCE

Page 1 of 1

Shipment No:1498754

<b>Ship From:</b> A. M. Castle & Co. (Canada) Inc. MONTREAL 835-SELKIRK AVENUE POINTE CLAIRE, QUEBEC H9R 3S2		<b>Sold To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA		<b>Ship To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN		<b>Deliver To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	
<b>Date Shipped</b> 10-OCT-2012	<b>F.O.B.</b> ORIGIN	<b>Freight Terms</b> Prepaid		<b>Carrier</b> MANITOULIN		<b>BOL No</b> 1498754-2	

<b>Shipment Details</b>				<b>Final Destination Branch - MON</b>			
<b>Order No</b> 2465306	<b>Line No</b> 4	<b>Item No</b> 15043	<b>Description</b> 0.3750.RD.304/304L.STAINLESS.CF.ANN.132.0000-156.0000 SPECIFICATIONS: ASTM A276				
<b>Purchase Order No</b> 18067		<b>Part Number</b>		<b>Ordered Qty</b> 108.00 FT		<b>Invoice Qty</b> 108.0000 FT	
<b>Details</b>							
<b>Delivery No.</b> 118034210	<b>Mill</b> NORTH AMERICAN STAINLESS	<b>Heat Number</b> D2H0	<b>Mech Id</b>	<b>PCS</b> 9	<b>Width (IN)</b>	<b>Length (IN)</b> 144.0000	<b>Shipped Qty(LBS)</b> 40.6080

These commodities/technologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.

Reviewed by Authorized Castle Metals Representative:	Date:	Name:
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# METALLURGICAL TEST REPORT

6870 Highway 42 East  
Ghent, KY 41045-9615  
(502) 347-6000

Certificate: 759601 32    Mail To:  
A.M. CASTLE AND COMPANY  
1420 KENSINGTON ROAD-SUITE 220  
OAK BROOK    IL 60523

Customer: 0032 001  
NAS Order: LN 86655 2  
Your Order: 181538

Ship To:  
A.M. CASTLE AND COMPANY  
3400 NORTH WOLF ROAD  
FRANKLIN PARK    IL 60131

Date: 8/07/2012    Page: 1 of 1  
Steel: 304/304L  
Finish: Cold Draw  
Dia/Thk: .3750 in  
Leg Length:  
Length: 144.00 in  
Corrosion: ASTM A262-10 Prac A/E OK

Item Code: 15043

## PRODUCT DESCRIPTION:

ASTM A193/10a-ASME SA193/10 CL 1 GR B8  
GRAIN SIZE= 4-6  
Round Bar, Annealed, Cold Draw  
UNS 30400/30403 EN 10204 3.1, ASTM A484/10  
ASTM A276/10, ASTM A479/11, ASTM A182/10 CHEM ONLY,  
ASME SA479/10a, ASME SA182/10 CHEM ONLY  
AMS 5639H, AMS 5647J, AMS QQS-763B, QQS-763F  
SOLUTION ANNEAL TEMP 1900F MIN

## REMARKS:

COMPLIES W/REQUIREMENTS OF DFAR 252.225-7014a-1 EU DIRECTIVE  
2002.95.EC.ROHS. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG  
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight
BE79178	2012								

## CHEMICAL ANALYSIS    CM(Country of Melt)    ES(Spain)    US(United States)    ZA(South Africa)    JP(Japan)    Chemical Analysis per ASTM A751/08

Heat	Supplier #	CM	C %	CO %	CR %	CU %	MM %	MO %	N %	NI %	P %	S %
D2H0		US	.027	.14	18.18	.49	1.38	.34	.072	8.57	.032	.0200
			SI %									
			.37									

## MECHANICAL PROPERTIES

	1 d	HB	.2YS	UTS	RA	Elong
	o i	No.	KSI	KSI	%	% 2"
BE79178	R L	212.0	93.56	108.39	71.54	40.25

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NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS

Technical  
Dept. Mgr.

ERIC HESS

Castle Metals FP

HEAT NUMBER D2H8  
MECHANICAL ID \_\_\_\_\_  
ITEM CODE 15043  
LOT NUMBER \_\_\_\_\_  
PO NUMBER 181538  
RECEIPT DATE 8/10/12  
SUPPLIER ALAS  
SPECIFICATION \_\_\_\_\_  
LOS N/O  
COMMENT \_\_\_\_\_  
APPROVED BS

DAS  
14  
89 12/10/14

**Castle Metals®**

A. M. Castle &amp; Co.

PACKING SLIP/  
CERTIFICATE OF CONFORMANCE

Page 1 of 1

Shipment No:1498754

<b>Ship From:</b> A. M. Castle & Co. (Canada) Inc. MONTREAL 835-SELKIRK AVENUE POINTE CLAIRE, QUEBEC H9R 3S2		<b>Sold To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA		<b>Ship To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN		<b>Deliver To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	
<b>Date Shipped</b> 10-OCT-2012	<b>F.O.B.</b> ORIGIN	<b>Freight Terms</b> Prepaid		<b>Carrier</b> MANITOULIN		<b>BOL No</b> 1498754-2	

<b>Shipment Details</b>				<b>Final Destination Branch - MON</b>			
<b>Order No</b> 2465306	<b>Line No</b> 6	<b>Item No</b> 26852	<b>Description</b> 0.5625.RD.6061.T651.ALUMINUM.CF.144.0000 SPECIFICATIONS: ASTM B211				
<b>Purchase Order No</b> 18067		<b>Part Number</b>		<b>Ordered Qty</b> 96.00 FT		<b>Invoice Qty</b> 96.0000 FT	
<b>Details</b>							
<b>Delivery No.</b> 118037320	<b>Mill</b> KAISER ALUMINUM	<b>Heat Number</b> 10031575	<b>Mech Id</b>	<b>PCS</b> 8	<b>Width (IN)</b>	<b>Length (IN)</b> 144.0000	<b>Shipped Qty(LBS)</b> 27.9360

These commodities/technologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.

Reviewed by Authorized Castle Metals Representative:

Date:

Name:

These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to US law prohibited.  
Date Printed: 10-OCT-2012 03:58:16 PM

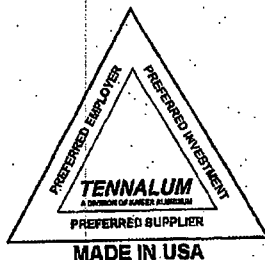
Castle Metals FP

HEAT NUMBER 100-31575  
MECHANICAL ID 26853  
ITEM CODE \_\_\_\_\_  
LOT NUMBER 128474  
PO NUMBER 8.30.2011  
RECEIPT DATE 8/14/11 SEC  
SUPPLIER \_\_\_\_\_  
SPECIFICATION AD  
LOS \_\_\_\_\_  
COMMENT DL  
APPROVED \_\_\_\_\_

AS  
14 / 12/10/14  
8-89

# KAISER ALUMINUM FABRICATED PRODUCTS

Tennalum  
309 Industrial Drive  
Jackson, TN 38301  
731-423-2811



**CERTIFIED TEST REPORT**  
<http://Certs.KaiserAluminum.com>

## Miscellaneous Notes

Made in USA

This material was melted and manufactured in the USA. Mercury is not a normal contaminant in aluminum alloys. Neither mercury nor any of its compounds were utilized by Kaiser Aluminum in the manufacture of this material. AS9100B:2004 This material meets the requirements of T6 temper and of QQ-A-225/8E (CANCELLED). NAFTA - YES. Material complies with FAR BAA (FAR 52.225-1, Buy American Act-Supplies), DFARS BAA (DFARS 252.225-7001 Buy American Act & Bal of Payments Prog), and FAR TAA (FAR 52.225-5 Trade Agreements) Material is RoHS compliant.

## Castle Metals FP

HEAT NUMBER \_\_\_\_\_  
MATERIAL ID \_\_\_\_\_  
ITEM CODE \_\_\_\_\_  
ITEM NUMBER \_\_\_\_\_  
ITEM NUMBER \_\_\_\_\_  
RECEIPT DATE \_\_\_\_\_  
SUPPLIER \_\_\_\_\_  
SPECIFICATION \_\_\_\_\_  
LCS \_\_\_\_\_  
COMMENT \_\_\_\_\_  
APPROVED \_\_\_\_\_

## CERTIFICATION

Kaiser Aluminum & Chemical Corporation ("Kaiser") hereby certifies that the metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

John Rennekamp, Quality Manager

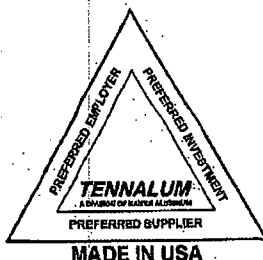
*John Rennekamp*

Plant Serial: 160182

Kaiser Order Number: 672799

# KAISER ALUMINUM FABRICATED PRODUCTS

Tennalum  
309 Industrial Drive  
Jackson, TN 38301  
731-423-2811



**CERTIFIED TEST REPORT**  
<http://Certs.KaiserAluminum.com>

CUSTOMER PO NUMBER: 128974-1		CUSTOMER PART NUMBER: 26852		PRODUCT DESCRIPTION: Cold Finished Round	
KAISER ORDER NUMBER: 672799	LINE ITEM: 1	SHIP DATE: 08/29/2011	ALLOY: 6061	TEMPER: T651	
WEIGHT SHIPPED: 504 lbs.	QUANTITY: 144 pcs.	B/L NUMBER: 32848	DIAM/DAF/THKNS: 0.5625 in.	WIDTH: 0.000 in.	LENGTH: 144.0 in.
SHIP TO: A M Castle & Co AM Castle & Co. 3400 No. Wolf Road Franklin Park, IL 60131 USA			SOLD TO: A M Castle & Co 1420 Kensington Road Suite 220 Oak Brook, IL 60523 USA		

Test Code: 1000 AC

## Actual Physical Properties

Lot Number	LONG. UTS ksi	LONG. YTS ksi	LONG. ELONG. %
10031575	48.9	44.6	20.0
	48.8	44.4	22.0
	51.5	47.3	20.5
	51.5	47.3	21.0

## Chemical Composition, WT. % (Aluminum Remainder)

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	OTHERS EACH	OTHERS TOTAL	Lot
Actual	0.70	0.3	0.28	0.00	1.0	0.11	0.02	0.01			10031575
Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15	
Min	0.40		0.15		0.8	0.04					

## Specifications

Standard: ISO 9001, ASTM B211-03, AMS 4117J, AMS-QQ-A-225/8A Non-Standard: A96061-02-16

DAS  
14  
2-89 12/10/14

## CERTIFICATION

Kaiser Aluminum & Chemical Corporation ("Kaiser") hereby certifies that the metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

John Rennekamp, Quality Manager

*John Rennekamp*

Plant Serial: 160182

Kaiser Order Number: 672799



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO18067

Purchase Order Date 10/03/12

PO Print Date 10/04/12

Page Number 1 of 4

Order From :

METAUX CASTLE  
A.M. CASTLE & CO. (CANADA) INC. - C/O 910720  
P.O. BOX 4090 STN A  
TORONTO, ON M5W OE9  
CA

VC-MET001

Contact Name

Vendor Phone 514 694 9575

Vendor Fax 514 695 3281

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

123294

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAXED**  
10/04/12

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M174B1.250X02.000 050	17-4 SS Bar 1.250 x 2.00	10/15/12 Yes	24.00 f	Yours ppd	\$46.3500	\$1,112.40
Special Inst:			MATERIAL: 17-4 PH SS BAR AS PER AMS 5604/5643 GRAIN MUST BE ALONG LENGTH OF BAR MINIMUM YIELD TENDILE STRENGTH = 100 KSI MINIMUM ULTIMATE TENSILE STRENGTH = 150 KSI				
2	M174PH-H900R1.000	17-4SS H900 ROUND BAR 1.00	10/15/12 Yes	36.00 f	Yours ppd	\$10.0700	\$362.52

MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required YES NO

Change Nbr: -2-

Change Date: 10/04/12



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO18067

Purchase Order Date 10/03/12

PO Print Date 10/04/12

Page Number 2 of 4

Order From :

VC-MET001

METAUX CASTLE  
A.M. CASTLE & CO. (CANADA) INC. - C/O 910720  
P.O. BOX 4090 STN A  
TORONTO, ON M5W OE9  
CA

Contact Name

Vendor Phone 514 694 9575

Vendor Fax 514 695 3281

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Special Inst: MATERIAL: 17-4 PH COND. H900  
AS PER AMS 5643

NOTE:  
PLEASE SHIP MATERIAL TO METCOR  
INC.  
560 BOULV. ARTHUR SAUVE  
SAINT-EUSTACHE, QC  
J7R-5A8  
450-473-1884

3	M174PH-H900R1.375	17-4 SS H900 ROUND BAR 1.375	10/15/12	36.00	Yours ppd	\$16.4600	\$592.56
			Yes	f			

Special Inst: MATERIAL: 17-4 PH COND. H900  
AS PER AMS 5643

NOTE:  
PLEASE SHIP MATERIAL TO METCOR  
INC.  
560 BOULV. ARTHUR SAUVE  
SAINT-EUSTACHE, QC  
J7R-5A8  
450-473-1884

4	M303R0.750	303 Round Bar 0.750	10/15/12	200.00	Yours ppd	\$3.6800	\$736.00
			Yes	f			

Special Inst: MATERIAL: AISI 303 SS ROUND BAR AS  
PER ASTM A582  
NOTE: AISI 304/316 NOT ACCEPTABLE

MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY

Change Nbr: 2

Change Date: 10/04/12

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required - YES NO





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO18067

Purchase Order Date 10/03/12

PO Print Date 10/04/12

Page Number 3 of 4

Order From :

METAUX CASTLE  
A.M. CASTLE & CO. (CANADA) INC. - C/O 910720  
P.O. BOX 4090 STN A  
TORONTO, ON M5W OE9  
CA

VC-MET001

Contact Name

Vendor Phone

514 694 9575

Vendor Fax

514 695 3281

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

5	M303R1.000 028	303 Round Bar 1.00	10/15/12 Yes	24.00 f	Yours ppd	\$8.5700	\$205.68
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Special Inst: MATERIAL: AISI 303 SS ROUND BAR AS  
PER ASTM A582  
NOTE: AISI 304/316 NOT ACCEPTABLE

6	M304B0.250X4.000	304 BAR .250 x 4.00	10/15/12 Yes	24.00 f	Yours ppd	\$17.2400	\$413.76
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Special Inst: MATERIAL: AISI 304/316 SS BAR OR  
AISI 304/316 SS PLATE  
AS PER ASTM A276 OR ASTM A240  
NOTE: AISI 303 NOT ACCEPTABLE

7	M304R0.375 029	304 ROUND BAR 0.375	10/15/12 Yes	108.00 f	Yours ppd	\$1.3900	\$150.12
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Special Inst: MATERIAL: MATERIAL: 304/316 SS  
ROUND BAR  
AS PER ASTM A276  
NOTE: AISI 303 NOT ACCEPTABLE

8	M304R1.000	304 round bar 1.00	10/15/12 Yes	36.00 f	Yours ppd	\$7.7200	\$277.92
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Special Inst: MATERIAL: MATERIAL: 304/316 SS  
ROUND BAR  
AS PER ASTM A276  
NOTE: AISI 303 NOT ACCEPTABLE

MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY

No substitution or deviation without  
consent.

Certificate of Conformity or Material  
Certification required YES NO

Change Nbr: 2

Change Date: 10/04/12



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO18067

Purchase Order Date 10/03/12

PO Print Date 10/04/12

Page Number 4 of 4

Order From :

METAUX CASTLE  
A.M. CASTLE & CO. (CANADA) INC. - C/O 910720  
P.O. BOX 4090 STN A  
TORONTO, ON M5W OE9  
CA

VC-MET001

Contact Name

Vendor Phone 514 694 9575

Vendor Fax 514 695 3281

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

9	M6061T6R0.563	6061-T6 ROUND BAR .563	10/15/12	✓ 96.00	Yours ppd	\$2.6300	\$252.48
	073		Yes				

Special inst: 6061-T6 (OR 6061-T651/ T6510/ T6511/  
T62) ROUND BAR  
QQ-A-225/8 OR AMS-QQ-A-225/8 OR  
(AMS 4117/4128/4115/4116)  
OR QQ-A-200/8 OR AMS-QQ-A-200/8) OR  
AMS 4160)  
OR ASTM B211 OR ASTM B221

PO Total: \$4,103.44

MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY

Change Nbr: 2

Change Date: 10/04/12

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required YES NO

# Receiving Report

Date: 13-02-01

Batch No: 124492

Supplier: Motors Solution

Dart P/O: 18954

Packing Slip: Yes ☒ No ☐  
 Invoice: Yes ☒ No ☐  
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐  
 Waybill Attached: Yes ☒ No ☐ N/A ☐  
 Shipment Complete: Yes ☒ No ☐ N/A ☐  
 QC6 Inspection OK  
 Work Order 16 12/11 N/A ☒

## Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 SP

Production/Admin: 13-02-01  
 Date SP  
 Received/Costing SP  
 Initial SP

Location

Friday, February 01, 2013 11:04:48 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO18954 Receipt Dates from 2/1/2013 to 2/1/2013 All Line Item Types  
All Item ID/GL/WOs All Rec. Employees All Currencies  
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name		VC-MET002	Metaux Solutions								
PG18954	1		M304TS0.750W.049 f		2/1/2013	2/1/2013	600.0000	\$3.82	0.0000	0	\$2,291.63
CAD	No		304 SQ Tube f		600.0000	DESJ02		\$2,291.63	0.0000	0	
			.75x.75x.049W								
			-124492								



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO18954

Purchase Order Date 1/28/13

PO Print Date 1/28/13

Page Number 1 of 1

Order From :

METALUX SOLUTIONS  
2625 BOUL JACQUES-CARTIER EST  
LONGUEUIL, QC J4N 1L7  
CA

VC-MET002

Contact Name

Vendor Phone 800 558 8858

Vendor Fax 514 633 8044

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms Net 30

Currency CAD

FOB Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAKED**  
(4136112)

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M304TS0.750W.049	304 SQ Tube .75x.75x.049W	2/01/13 Yes	600.00 f	TST ground	\$3.8000	\$2,280.00

Special Test: AISI 304/316 SEAMLESS SS SQUARE  
TUBING  
ASTM A554 MILL FINISH OR  
ASTM A269 MILL FINISH

PO Total: \$2,280.00

MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY

SP13-02-a

Change Nbr: 1

Change Date: 1/28/13

No substitution or deviation without  
consent.

Certificate of Conformity or Material  
Certification required **YES** NO

MÉTAUX SOLUTIONS INC  
2625 BOUL JACQUES CARTIER EST  
LONGUEUIL, QUEBEC  
J4N 1L7 Tel.: 450 641-3330

Customer: 6323336

DART AEROSPACE LTD  
1270, ABERDEEN STREET  
HAWKESBURY, ONTARIO  
K6A 1K7

# Shipping Order

28/01/2013

Order : 84429  
Reference : 18954  
Ship : PICK UP / PICK UP

## Ship To

Same

Tel.: 1 613 632-3336

Item No.	Description	Qty	Qty. Delivered	B/O Qty
SSQT34340494	304 SQ TUBE .750 X .049 WALL 30 X 20' HT. <u>CSP3</u>  SHIP TST COLLECT JP	600	<u>600</u>	<u>0</u>

A 449-34

Shipping : \_\_\_\_\_  
Package No : \_\_\_\_\_  
Merchandise Received: \_\_\_\_\_

Ref. : \_\_\_\_\_

# PHOENIX TUBE COMPANY, INC.

Manufacturer of Stainless Ornamental and Structural Tubing

## CERTIFICATION OF TEST

Sold To:

Ship To:

CUSTOMER ORDER#: C85485

CUST REF NBR:

DATE SHIPPED: 10/22/12

SIZE: 1/4 SQ X 18 GA AW

SOURCE: USA D

VENDOR: NAS

Phone# 5492603

Ext:

ORDER#: 288601

QTY SHIPPED: 1620.0

GRADE: 304L

WELD: HF

HEAT# C5P3

TEST REPORT#: TR010484

Report Date: 07/11/12

Specification:

ASTM A554-11

ASTM A 240 LATEST REVISION

ASTM A554 2003 SUPERSEDED

MATERIAL IS FULL SOLUTION

DFARS 252.225.7009/7014

T304L/304 DUAL CERTIFIED

RAW MATERIAL SPEC.

MFG USING

ANNEALED, AND SHOWS NO

COMPLIANT

NO WELD REPAIR

ANNEALED AND PICKLED

CONTINUOUS CARBIDE

EN 10204 2.2

NACE MR0175/01

PLATE, SHEET OR STRIP

PRECIPITATION

Sc/21

MERCURY IS NOT USED BY US AS AN ALLOYING MATERIAL NOR IS METALLIC MERCURY HANDLED IN THE VICINITY OF OUR PROCESSING LINES. WE ARE NOT PRESENTLY AWARE OF ANY MERCURY CONTAMINATION.

### Chemical Analysis

C	MN	P	S	SI	CR	NI	MO	CU	CO	N2	TI
0.21	1.77	.032	.012	.27	18.22	8.08	.33	.43	0	.08	0

### Physical Analysis

	YIELD		TENSILE		OTHER	
Hardness	PSI	MPA	PSI	MPA	Percent EL	Percent RA
RB 85	80460	0	96110	0	45	0

THE CHEMICAL ANALYSES ARE CORRECT AS CONTAINED IN OUR CORPORATE RECORDS.

PHYSICAL PROPERTIES ARE DETERMINED WHILE MATERIAL IS IN STRIP FORM.

Melted & Manufactured in the USA FAR BAA complies, DFARS BAA complies, FAR TAA complies

CERTIFIED BY:

*John L. Lemo*

1185 WIN DR BETHLEHEM, PA., 18017 - (610) 865-5337

FAX NUMBER: 610-865-4073

149135